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1	3.	Cancelled.			18-28-02	MR
1	4.	Cancelled.			8-28-02 ENEDE	
1	5.	Cancelled.		,	I	
1	6.	(Amended)	A method for selecti	ng the user-sp	ecified sources	s of at least two
2	shows capable	of being rec	eived and displayed	by an ente y tai	nment system,	comprising:
3			r-specified show sele			
4	display	ying a first pl	urality of sources av	ailable for pro	viding the firs	t user-specific
) 3	show selection:					
\ ₆ \	· receivi	ing a first use	r-specified source se	election from 1	the first plurali	ty of sources;
<i>)</i> 7			nal from the first use			
. 8	user-specified show selection;					
9	display	ying the first	user-specified show	selection on a	first portion o	f a display screen;
10	receiving a second user-specified show selection;					
11	display	ying a second	l plurality of sources	available for	providing the	second user-
12	specified show	w selection;				
13	receiv	ing a second	user-specified/sourc	e selection ide	ntifying a sele	cted source for
14	the second us	er-specified s	show selection;			
15	receiv	ing a second	user-specified sourc	e selection ide	entifying a sele	ctor source for the
16	second user-specified show selection; and					
17	receiving a second signal from the second user specified source concurrently					
18	displaying the	e second user	-specified show sele	ction on a sec	ond portion of	the display
19	screen.					
1	7.	(Amended)	The method of clai	m 6, wherein	the first signal	uses a first coding
2	technique.	/				
1	8.	(Amended)	The method of clai	m 7, wherein	the second sig	nal uses a second
2	coding techni	ique that is di	ifferent from the firs	t coding techn	ique.	
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		<i>j</i>	_
1	9.	The method of Claim 8, wherein the first and second coding	techniques are
2	selected from	a group consisting of: amplitude modulation, frequency modu	ılation and phase
3	modulation.		
1	10.	The method of Claim 6, wherein said first user-specified sou	
2	from a group	consisting of: a satellite-based station, a cable-based station a	nd a local
3	station.	•	
			·- ·- 14-4
1	11.	The method of Claim 7, wherein said second user-specified	
2		consisting of: a satellite-based station, a cable-based station a	
3	said second u	ser-specified source being different from said first user-specified	iled source.
1	12.	The method of Claim 6, further comprising:	1 of the first show
2		ng programming data associated with the selected first channe	1 of the mst show
3		ry of the entertainment system; and	1 -64b accord
4		ng programming data associated with the selected second char	mer of the second
5	show into the	e memory of the entertainment system.	
		and the second s	
1	13.	The method of Claim 12, further comprising:	o to the first and
2		pting selection of the first and the second shows corresponding	
3		hannels, by executing software by a central processing unit, in	
4		ment system, to produce a screen menu; and wherein the step	
5		electing a first option grid of the screen menu to load the corre	
6		g data into the memory and selecting a second option grid of t	he screen menu to
7	load the corr	esponding programming data into the memory.	
		The method of Claim 7, further comprising recording of on	ne of said first and
1	14.	/	ic of said mis- mis-
2	said second	snows.	
1	15.	The method of Claim 14, further comprising recording of t	he other one of said
2	first and said	d second shows.	
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1	16. (Amended) An entertainment system comprising:
2	a display monitor; and
3	a broadcast receiver coupled to the display monitor, the broadcast receiver including a
4	first front-end unit capable of receiving programming data to be viewed on the display
5	monitor, the programming data associated with a first user-specified show selection provided
6	by a first user-specified source selection from a first plurality of sources displayed for
7	providing the first user-specified show selection
8	a second front-end unit capable of receiving programming data to be viewed on the
9	display monitor, the programming data associated with a second user-specified show
10	selection provided by a second user-specified source selection from a second plurality of
11	sources displayed for providing the second user-specified show selection;
12	a plurality of memory elements and;
13	a central processing unit coupled to the plurality of memory elements, the central
14	processing unit executing software to assist the broadcast receiver in loading programming
15	data associated with one of either the first user-specified show selection or the second user-
16	specified show selection into one of the plurality of memory elements along with information
17	to display said first user-specified show selection on the display monitor upon receiving a
18	first show selection signal, and to display said second user-specified show selection on the
19	display monitor upon receiving a second show selection signal, the first and second user-
20	specified show selections being processed concurrently and separately by the first front-end
21	unit and the second front-end unit, respectively and displayed concurrently.
1	17. The entertainment system of claim 16, wherein the display monitor includes a
2	television receiver.
1	18. The entertainment system of claim 16, wherein the broadcast receiver includes
2	an integrated receiver decoder.
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1	19. The entertainment system of claim 16, wherein the central processing unit of
2	the broadcast receiver executes software to provide a screen menu, selection of a first option
3	grid of the screen menu signals the central processing unit to load a first programming data 080398.P162 -4- WWS/crr App. No. 09/183,717 Filed: 10/30/98

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			:
4	into the one o	of the plurality of memory elements indicating that the first show	is to de
5	displayed.		
		The entertainment system of claim 19, wherein upon selection	of a second
1	20.		
2		he central processing unit controls loading of a second programm	
3		e plurality of memory elements indicating that the second show it	, 10 00
4	displayed.		
1	21.	The entertainment system of Claim 16, wherein the first user-s	pecified
1		nits broadcast signals associated with the first show using a first	
2		mis producest signate absolute with	
3	technique.		
1	22.	The entertainment system of Claim 21, wherein the second use	r-specified
2	source transn	mits broadcast signals associated with the second show using a se	
3		at is different from the first coding technique.	
	_		
1	23.	The entertainment system of Claim 22, wherein the first and so	
2	techniques a	re selected from a group consisting of: amplitude modulation, fre	quency
3	modulation a	and phase modulation.	
1	24.	The entertainment system of Claim 16, wherein said first user	-specified
2	source is sel	lected from a group consisting of: a satellite-based station, a cable	-based
3		a local station.	
1	25.	The entertainment system of Claim 24, wherein said second u	
2		lected from a group consisting of: a satellite-based station, a cabl	
3	station and a	a local station, said second user-specified source being different i	rom said
4	first user-sp	ecified source.	
1	26.	An entertainment system comprising:	
2		splay monitor; and	_i_o_i_nalndine
3	a pro	oadcast receiver coupled to the display monitor, the broadcast rec	
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4	a first front-end unit capable of receiving programming data associated with a
5	first show broadcast from a first user-specified source to be viewed on the display
6	monitor,
7	a second front-end unit capable of receiving programming data associated
8	with a second show broadcast from a second user-specified source to be viewed on
9	the display monitor,
10	a plurality of memory elements, and
11	a central processing unit coupled to the plurality of memory elements, the
12	central processing unit executing software to against the broadcast receiver in loading
13	programming data associated with a selected one of the first and the second shows
14	into one of the plurality of memory elements along with information, and to
15	simultaneously display said selected first and second shows on the display monitor.
1	27. The entertainment system of claim 26, wherein the display monitor includes a
2	television receiver.
1	28. The entertainment system of claim 26, wherein the broadcast receiver includes
2	an integrated receiver decoder.
	S. 1. 26 with remind the control processing unit of
1	29. The entertainment system of claim 26, wherein the central processing unit of
2	the broadcast receiver executes software to provide a screen menu, selection of a first option
3	grid of the screen menu signals the central processing unit to load a first programming data
4	into the one of the plurality of memory elements indicating that the first show is to be
5	displayed.
	30. The entertainment system of claim 29, wherein upon selection of a second
1	30. The entertainment system of claim 29, wherein upon selection of a second option grid, the central processing unit controls loading of a second programming data into
2	the one of the plurality of memory elements indicating that the second show is to be
3	/
4	displayed.
1	31. (Amended) The entertainment system of claim 26, wherein said first front-
1	31. (Amended) The entertainment system of claim 26, wherein said lifts from- end receives broadcast signals using a first coding technique.
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(Amended) The entertainment system of claim 31, wherein said second front-32. 1 end user receives broadcast signals using a second coding technique that is different from the 2 first coding technique. 3 The entertainment system of Claim 32, wherein the first and second coding 33. 1 techniques are selected from a group consisting of: amplitude modulation, frequency 2 modulation and phase modulation. 3 The entertainment system of Claim 26, wherein said first user-specified 34. 1 source is selected from a group consisting of: a satellite-based station, a cable-based 2 station and a local station. 3 The entertainment system of Claim 34, wherein said second user-specified 35. 1 source is selected from a group consisting of: a satellite-based station, a cable-based station 2 and a local station, said second user-specified source being different from said first user-3 4 specified source. The entertainment system of Claim 26, wherein the central processing unit 1 36. further executes software to record one of said first and said second shows. 2 The entertainment system of Claim 36, wherein the central processing unit 37. 1 further executes software to fecord the other one of said first and said second shows. 2 The entertainment system of Claim 16, wherein the broadcast receiver directs 38. 1 the first show to the display monitor to be viewed and substantially simultaneously to a 2 recording device to be recorded. 3 The entertainment system of Claim 16, wherein the broadcast receiver directs 39. 1 the second show to the display monitor to be viewed and substantially simultaneously to a 2

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recording device to be recorded.

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1	40. The entertainment system of Claim 16, wherein the broadcast receiver fu	rther		
2	includes a cryptographic engine to decrypt data signals in accordance with at least one			
3	cryptographic function.			
1	41. (Amended) A method for selecting the sources of at least two selections			
2	capable of being separately received, processed, and displayed, recorded or displayed a	nd		
3	recorded by an entertainment system comprising:			
4	receiving a first user-specified selection;			
5	in response to receiving a first user specified selection, displaying a first plurali	ty of		
6	sources available for providing the first user-specified selection;			
7	receiving a first user-specified source selection from the first plurality of source	\$;		
8	receiving a second user-specified selection;			
9	in response to receiving the second user-specified selection, displaying a second	i		
10	plurality of sources available for providing the second user-specified selection;			
11	receiving a second user specified source selection from the second plurality of			
12	sources; and			
13	separately processing and concurrently servicing the first user-specified show			
14	selection provided by the first user-specified source selection and the second user-spec	ified		
15	show selection by the second user-specified source selection.			
1	42. The method of Claim 41 further comprising:			
2	receiving a user-specified selection; and wherein servicing the user-specified			
3	selection is performed in accordance with the user-specified servicing selection.			
1	43. The method of Claim 42 wherein the user-specified servicing selection			
2	of either displaying, recording, or displaying and recording the user-specified selection	1.		
	A second of the			
1	The method of Claim 41 wherein the user-specified selection is a show	•		
	45. The method of Claim 41 wherein the user-specified selection is a statio	n.		
1	45. The method of Claim 41 wherein the user-specified selection is a station	_ _		
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1	46.	(Amended) A method for selecting the sources of at least two selections
2	capable of bei	ng separately received, processed and displayed, recorded or displayed and
3	recorded by an	n entertainment system comprising:
4	receivi	ng a plurality of user-specified selections;
5		onse to receiving the plurality of user-specified selections, displaying a
6	plurality of so	urces available for providing each of the plurality of user-specified selections;
7		ing a user specified source selection for each of the plurality of user-specified
8	selections; an	
9		tely processing and concurrently servicing each of the plurality of user-
10	specified sele	ctions provided by its/corresponding user-specified source selection.
1	47.	The method of Chaim 46 further comprising:
2		ing a user-specified servicing selection for each of the plurality of user-
3		ctions; and wherein servicing each of the plurality of user-specified selection
4	selections is p	performed in accordance with its corresponding user-specified servicing
5	selection.	
1	48.	The method of Claim 47 wherein the user-specified servicing selection is one
2	of either disp	laying, recording, or displaying and recording.
1	49.	Cancelled.
1	50.	Candelled.
1	51.	Cancelled.
	60	Cancelled.
1	52.	Chiconos.
1	53. (Amended) A digital integrated receiver decoder comprising:

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a plurality of front-ends, including at least a first front-end and a second front-end;

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3	said first front-end being configured to receive a first bit stream from a first source		
4	and a second front-end being configured to receive a second bit stream from a second source;		
5	a transport processor coupled to said first front-end and said second front-end, said		
6	transport processor being configured to process said first bit stream and said second bit		
7	stream and providing a first processed bit stream and a second processed bit stream in		
8	response to the first bit stream and the second bit stream respectively; and		
9	at least one decoder coupled to said transport processor and configured to		
10	simultaneously select the first processed bit stream and the second processed bit stream for		
11	decoding.		
	_		
1	54. (Amended) A digital integrated receiver decoder according to claim 53		
2	wherein said transport processor is configured to simultaneously select the first bit stream		
3	and the second bit stream for recording.		
1	55. (Amended) A digital integrated receiver decoder according to claim 53		
2	wherein said first and second front-ends provide outputs to first and second demodulators,		
3	said first and second demodulators each being configured for a different mode of		
4	demodulation.		
	A section of the section decoder aggorithm to claim 55		
1	56. (Amended) A digital integrated receiver decoder according to claim 55		
2	wherein said integrated receiver decoder comprises more than two front-ends and wherein		
3	said transport processor is configured to select first and second front-ends and wherein each		
4	front-end is associated with a differently modulated form of input signal.		
	57. (Amended) A digital integrated receiver decoder according to claim 55		
1	57. (Amended) A digital integrated receiver decoder according to claim 55 wherein said transport processor is configured to simultaneously select the first bit stream		
2	1		
3	and the second bit stream for recording.		
1	58. (Amended) A method for recording a first bit stream and a second bit stream		
2	received by a digital television receiver comprising;		
3	receiving a first bit stream from a first source and receiving a second bit stream from		
4	a second/source;		
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	the second hit etream to provide a first
5	processing the first bit stream and processing the second bit stream to provide a first
6	processed bit stream and a second processed bit stream respectively; and
7	recording the first processed bit stream and the second processed bit stream
8	simultaneously.
1	59. (Amended) A method according to claim 58 further comprising
2	simultaneously decoding the first processed bit stream and the second processed bit stream.
1	60. (Amended) A method according to claim 59 comprising said first processed
2	bit stream and said second processed bit stream in different demodulation modes.
1	61. (Amended) A method according to claim 60 wherein receiving the first bit
2	stream and the second bit stream comprises selecting the first and second bit streams from
3	more than two sources.
1	62. (Amended) A digital television receiver comprising:
2	a plurality of tuners, including at least a first front-end and a second front-end;
3	said first front-end being configured to receive a first bit stream from a first source
4	and a second front-end being configured to receive a second bit stream from a second source;
5	a transport processor coupled to said first front-end and said second front-end, said
6	transport processor being configured to process said first bit stream and said second bit
7	stream and providing a first processed bit stream and a second processed bit stream in
8	response to the first bit stream and the second bit stream respectively; and
9	at least one decoder coupled to said transport processor and configured to
10	simultaneously select the first processed bit stream and the second processed bit stream for
11	decoding.
1	63. (Amended) A digital television receiver according to claim 62 wherein said

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bit stream for recording.

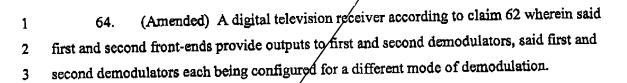
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transport processor is configured to simultaneously select the first bit stream and the second

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65. (Amended) A digital television receiver according to claim 64 wherein said digital television receiver comprises more than two front-ends and wherein said transport processor is configured to select first and second front-ends and wherein each front-end is associated with a differently modulated form of input signal.

1 66. (Amended) A digital television receiver according to claim 65 wherein said 2 transport processor is configured to simultaneously select the first bit stream and the second 3 bit stream for recording.



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